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## Smart Grid Equipment in the US 2015-2019

Research Report on “ **Smart Grid Equipment in the US 2015-2019** ”

### **About smart grid equipment**

A smart grid is a type of electrical grid that uses computer-based automation technology to integrate communication and information, available in digital or analog format, to facilitate and improve power

production and distribution process. Smart grids are used to monitor and control power flows from the point of generation to consumption, thereby enhancing predictability, visibility, and efficient management of the production and demand. The technology brings flexibility to the whole system. It facilitates the integration of intermittent energy generation from renewable sources, and in peak load management, which helps in cost effectivity.

Following are some of the equipment required for the transformation of traditional electrical grids into smart grids:

- Hardware and software technologies
- Smart meters
- Sensors
- Communication and wireless network infrastructure
- Smart T&D equipment

Technavio's analysts forecast the smart grid equipment market in the US to grow at a CAGR of 4.05% over the period 2014-2019.

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### **Covered in this report**

The report covers the present scenario and the growth prospects of smart grid equipment market in the US for the period 2015-2019. The market is segmented on the basis of equipment type: software and hardware, smart meters, sensors, communication and wireless network infrastructure, and smart T&D equipment.

Technavio's report, Smart Grid Equipment Market in US 2015-2019, has been prepared based on an in-depth market analysis with inputs from industry experts. The report includes a discussion of the key vendors operating in this market.

### **Key vendors**

- ABB
- GE Digital Energy
- Landis+Gyr
- Schneider Electric
- Siemens Energy

### **Other prominent vendors**

- Arbiter Systems
- Echelon
- Elster
- eMeter
- IBM

- Itron
- OPOWER
- SEL

**Key market driver :** Aging power grid infrastructure

**Key market challenge :** High susceptibility of smart grids to cyber attacks

**Key market trend :** Increased investments and supportive policies

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